

		Per person estimate	# people	Man hours	Optimistic	Pessimistic	PERT	Actual time taken [h]
<b>Preparation</b>								
	Make project model	1	4	4	2	8	4,3	8
	Make the time table	2	4	8	3	12	7,8	4
	Set up VM	1	4	4	3	9	4,7	
	Arrange group meeting times	0,5	4	2	1	3	2,0	1
	Find participants	1	4	4	2	12	5,0	
				22	11	44	23,8	13,0
<b>Research</b>								
GDPR	Set up GDPR document	1	2	2	1	4	2,2	
Case Study	Make Interview Guide	3	2	6	5	12	6,8	
	Interview	3	2	6	5	8	6,2	
Future Workshop	Preparation	3	2	6	9	20	8,8	
	Future Workshop	2	2	4	7	9	5,3	
				46	38	97	29,3	0,0
<b>Analysis</b>								
Analysis of CS & FW	Analysis of Case Study	2	2	4	3	7	4,3	
	Documentation of CS	4	2	8	6	15	8,8	
	Analysis of Future Workshop	2	2	4	3	7	4,3	
	Documentation of FW	4	2	8	6	15	8,8	
System Requirements	Set up system requirements	1	4	4	3	7	4,3	
Preliminary design	Find different options	2	4	8	6	15	8,8	
	Analysis and choice of options	3	4	12	8	20	12,7	
				48,0	35,0	86,0	52,2	0,0
<b>Development</b>								
Organize	Split up work	1	4	4	3	6	4,2	
Implementation	Research new languages	3	4	12	9	20	12,8	
	Implementation	5	4	20	10	40	21,7	
	Debugging during impl	3	4	12	3	30	13,5	
Unit Testing	Set up tests and run them	2	4	8	6	10	8,0	
	Debugging after tests	1	4	4	2	8	4,3	

System Testing	Set up test	1	4	4	3	7	4,3	
				64	36	121	68,8	0
<b>Evaluation</b>								
Process review	Own review	1,5	4	6	3	10	6,2	
Product review	Short user interview	2	2	4	3	5	4,0	
	Analysis	1	2	2	1	3	2,0	
Documentation	Report writing	25	4	100	80	130	101,7	
				112,0	87,0	148,0	113,8	0,0
Total				292,0	207,0	496,0	288,0	13,0